AppleLink

™

UPDATE

Happy Holidays
from: AppleLink

Celebrate the Holidays on AppleLink

Download Gifts from the Software Libraries

Find Answers in the Apple Hardware Forums

Dear AppleLink®—Personal Edition Member,

H appy holidays! We're all looking forward to spending our first holiday season on AppleLink—Personal Edition. We've planned lots of events and contests, and are ready to spread holiday spirit online. See page 34 for holiday happenings.

If you're thinking about buying an Apple computer for a gift, or hoping to receive one, you'll want to check out our feature story "Head for the Apple Hardware Forums" on page 4. Learn all about the Apple II and Macintosh products that just might be waiting under your tree. And be sure not to miss the Apple Products Panel at 9 p.m., Thursday, December 15 in the Apple Auditorium in Apple Headquarters.

Blazing menorahs! If you're in the dark about about what to give the computer enthusiasts in your life, we can shed some light on the subject — download public domain and shareware from the AppleLink software libraries. Our special feature on page 13 tells you how to put together a great package of software programs. The Apple Forum Leaders also offer their gift suggestions!

This month, a new department debuts in the *AppleLink Update*—Social Life on page 38. Read more about the Online Bartender's Academy, where you can learn the "tricks of the trade" of People Connection bartending and become a Certified Online Mixologist.

Are you an science fiction fanatic? A would-be gourmet cook? Or a rock 'n roll groupie? Join an online club on AppleLink and share your special interests with friends across the country. Find out how to pursue your passions and pastimes in Freetime, on page 7.

Get cozy—throw a few logs on fire, make a mug of hot chocolate, and be sure to spend many a long winter's day and night on AppleLink—Personal Edition. All of the AppleLink staff join me in wishing you a peaceful and fun holiday!

Sue Zemel

Sue Zemel
Editor
AppleLink Update
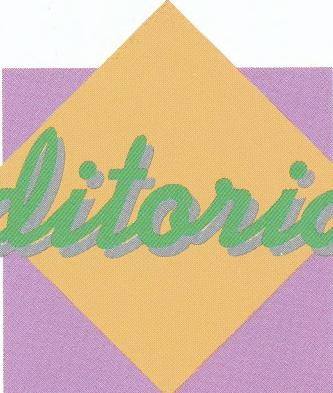
THE INSIDE STORY

Volume 1 Number 7   December, 1988

Table of Contents

*All times noted in the calendar and
throughout the magazine are Eastern
times.*

FEATURES

High Tech Habits _____ 4

Head for the Apple Hardware Forums

Learn about the nuts and bolts of
Apple® II and Macintosh® hardware.
Win an ImageWriter II® printer!

Special Feature _____ 13

Give Hand-Crafted Computer Gifts from the Software Libraries

Find out how to download
goodies from the AppleLink®
software libraries!

Add public domain and shareware
programs to your holiday shopping
list.

**Celebrate the holidays with AppleLink!
Attend sleigh rides, parties, and other
seasonal events. Exchange holiday
recipes, enter special contests, win
prizes, and spread good cheer online.
See page 34 for holiday happenings!**

Chuck Boesenberg, Senior Vice President, U.S. Sales, is responsible for U.S. Sales, Support, Service and Field Marketing. He joined Apple in 1987, after many years in the computer industry both in the United States and abroad.

Apple Computer continues to connect in the grassroots tradition of computing, bringing people together, sharing information, and providing access to data. In short, communicating better.

Now, with AppleLink, we can go a step further, creating communities that transcend time and place, linking communities of people with a shared passion for technology, but also communities of people with common interests for whom technology is merely a tool. AppleLink is where like minds find one another.

Whether it's pursuing a hobby, sharing specialized software, or distributing a lesson or business plan, communication networks offer new avenues of interaction at home, school, work and play.

Years ago, some people complained that the computer would isolate people from one another, creating a society of computer couch-potatoes. In reality, computers may be the most important advance in bringing people together since the invention of the telephone. Currently there is worldwide recognition that the telephone is a great medium for conversation and business — not a substitute for personal meetings — but a different kind of communication opportunity. AppleLink—Personal Edition is yet another telephone: another communication, interaction and information-access tool, one more color in the palette of social exchange.

Guest
COLUMN

AppleLink users are agreeing with our slogan "once you're linked, you're hooked." A user wrote to say AppleLink "makes the whole country your community." Another tells us that "AppleLink is the place where text comes alive and makes you realize that computers are made of blood and muscle: the blood and muscle of programmers, system analysts, online support personnel, user communities and a host of people working together to make computers happen."

AppleLink shows the changing ways our technology is doing what we have always wanted it to do: empower individuals to explore on their own, give them the opportunity to communicate and share their discoveries with the community. It's one more way Apple provides "the power to be your best."

Charles M Boesenberg

Charles M. Boesenberg
Senior Vice President, U.S. Sales

FEATURE

Visit the Apple II Hardware Forums

If you're interested in acquiring Apple hardware and getting input from those who already own it, you'll benefit from the Hardware Forum," says Apple II Hardware Forum Leader Tracy Poe (AFL TracyP).

Visit the Apple Hardware Forum

Join the Apple II Hardware Forum conferences, at 9 p.m. Fridays, for peeks at new products on the market, conversations with third-party manufacturers, and discussions of emerging issues.

Comparisons of products are one of the focal points of Forum conferences.

"We've discussed the controversy between Applied Engineering's RamKeeper versus the CheckMate Memory Saver, for example," Poe says. "Very few people have both or can do direct comparisons so we rely on the opinions of members."

Folders on the Let's Discuss board include debates on serial cards, extended 80-column cards, modems, monitors and software-level identification. For in-depth reviews, check the Apple II Hardware Forum Software Library, continually updated with the latest information on products.

"We have a lot of hackers in the Forum, of course," Poe says, "but generally we have inexperienced users who need to know how to get the equipment up and running, and what type of add-ons will do a good job for them."

Poe, an air traffic controller from Euless, Texas, Worth, says he's "not a bits and bytes kind of guy. Fortunately

my forum assistant, Raymond Flowers (AFA Ray), is the kind of person who can explain what's going on, even at the chip level."

Enter the Apple II Hardware Forum Contest

Know the Apple II family inside and out? Use your knowledge to win an ImageWriter II® printer from the Apple II Hardware Forum.

A quiz on Apple II products, posted in the Apple II Hardware Forum, tests your knowledge of Apple II products. Answer each question and you're automatically entered in the competition. If more than one contestant answers all the questions correctly, Forum Leader Tracy Poe (AFL TracyP) will host a special event in January where the contestants battle it out in fast-action, sudden-death competition.

Look for the Apple II Hardware Contest in the special contest area in the Forum, and win an extra gift from our own Saint Nick—Tracy Poe.
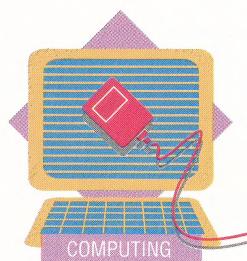
Find Answers in the Macintosh Hardware Forum

"There is no one who uses the Macintosh who won't occasionally have a question about the hardware," says Macintosh Hardware Forum Leader Bruce Tizes (AFL MadMac).

The Hardware Forum's Conference Hall is open whenever the AppleLink system is operating, so drop by to talk with the knowledgeable members who congregate at all hours. Or, to find the answers you need, post your questions on the Forum's Let's Discuss board. Topics range from add-on boards to expansion chassis and video monitors, from digitizers and backup systems to scanners.

On a weekly basis, read From the Forum Leader in the Hardware Forum for the topics of upcoming conferences and Forum news. Forum conferences, held at 9 p.m., Sundays, feature in-depth discussions on hardware specifications. The conferences, featuring special guests, also examine system software and look into the fascinating place where hardware and software overlap.

"In so far as Hyper-Card™
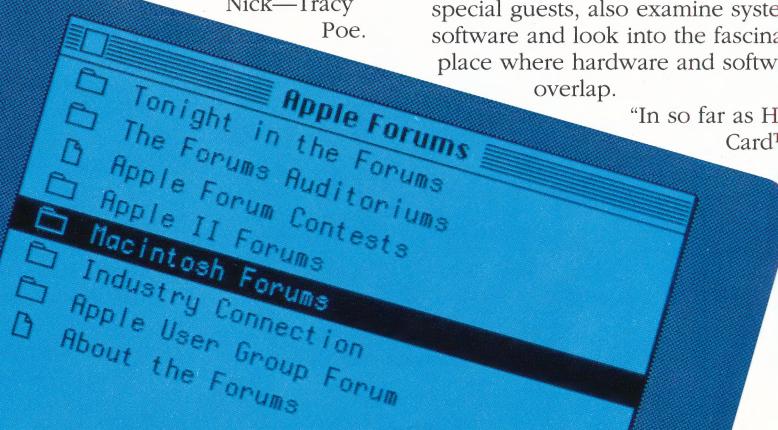
overlaps CD-ROM, we'll discuss it," Tizes says. "The latest version of Macintosh system software will always be in the Forum Software Library."

Tizes, 27, is a physician and a certified Apple developer working with artificial intelligence and HyperCard applications for the medical community. He is the editor of bioMEDICUS, a medical information database.

Design a Computer System and Win a Prize

Prove your aptitude for configuring hardware systems and win an Apple CD-ROM drive from the Macintosh Hardware Forum.

Computers must solve business needs, so here's a hypothetical AppleLink business that needs help:

The Aurora Printing Co. is successful, but antiquated. It currently has no computers in the company except an old, clunky MS/DOS® system that maintains the ledger. The accountant won't give it up, but the secretary won't use it. She currently does all her work on a typewriter. The estimators work on yellow legal pads. The design department struggles with glue and scissors. Inventory of paper and ink is taken on a long sheet of paper. Each press operator fills out job tickets using pencils because they can't leave the press. The people in the bindery calculate the number of cartons needed and the hours per job by marking on the backs of envelopes. At the shipping dock, workers find weight, freight charges and best method of shipping from a old, torn book.

Design a computer system using Macintosh and compatible hardware. You can throw in some software solutions, too. The object is to design networked and/or streamlined functions on the system. Explain how and why the hardware fits the need. The judges are looking for a complete, thorough, and workable solution to the Aurora Printing Co.'s needs.

Send your design via e-mail to Forum Leader Bruce Tizes (AFL Mad-Mac), who will judge the contest with a panel of 5 experts. Tizes announces the winner at the Forum Conference, 9 p.m. Sunday, January 8 and awards the Apple CD-ROM drive.

Pursue Your Interests in an Online Club

Make friends across the country who share your special interests by joining an online club on AppleLink. Besides gaining new insights and knowledge from people who share your enthusiasm, you'll participate in online meetings and activities. You'll meet experts in your field of interest. And you'll join a friendly, national dialog each time you post your ideas on the club message boards.

Whether your interests lie in astrology or astronomy, cooking or genealogy, there's a club on AppleLink waiting for you! To get started, go the Club House in General Services. You'll find information about all online clubs, and details about how to start your own club.

Feed Your Imagination at the Fiction & Fantasy Club

The Fiction & Fantasy Club holds your key to excitement and adventure in the unknown realms explored by science fiction, fantasy, mystery, and horror works. Get together with other fans to exchange the latest on literary, dramatic and software releases. The club holds Cornerstone

Conferences on favorite works like "Beauty and the Beast" and "Sword and Sorcery," and meets weekly in the Sci Fi room in People Connection, Wednesdays at 10 p.m. In its library, the club offers reviews of creative works from every medium — television, film, books, magazines, and software. Add your own reviews to the rest!

Your club host is Frank Catalano (FCatalano), a science fiction writer and Apple enthusiast.

Win Albums in the RockLink Night Club

Get the latest on the greatest in rock music and use your knowledge of rock 'n roll trivia to win albums at the Rock-Link[SM] Night Club. Join your friends at the Night Club, where host Kirsten King leads entertaining, and often controversial, raps on such topics as nostalgia, guitar greats, and sex and drugs in rock lyrics.

RockLink is THE source for information on the rock music world — whether it's the up-to-the-minute reporting in the Daily Beat or the provocative interviews and tantalizing gossip about your favorite stars in Backstage. Select the Club House in General Services and go to Rock-Link.

Entertainment

7

Make Beautiful Music with MIDI

"Students don't necessarily have to be a musician or a composer," says Phil Seyer (AU Phil), instructor of the new AppleLink University course, MIDI Music. "This course is for anyone who wants to learn more about music. It's tailored to the beginner, but also will have interest to people who are in music but don't know how to hook up all their instruments and computers."

Enroll in MIDI Music, a four-session course exploring the concepts of music, digitized sound and the MIDI (Musical Instrument Digital Interface) technology that makes beautiful music with your Macintosh.

The class features reading, as well as interactive classroom discussion with Seyer and other students. Exercises highlight the material, including one 'field trip' where students visit a store that sells MIDI equipment.

Seyer is a studio musician/composer specializing in New Age music. He has a degree in music education from Valparaiso, Indiana, and taught in public schools for 4 years. Seyer is the author of *What Makes Music Work,* published in 1984 by John Wiley and Sons.

Postal Mania Made Easy After DataBase Boot Camp

Struggling with last-minute Chanukah and Christmas cards? Wondering how you're ever going to get those packages out? Enlist in AppleLink University's mini-course, DataBase Boot Camp, designed to prepare you to battle a huge stack of holiday mailing.

DataBase Boot Camp takes you step-by-step through the process of building a database using AppleWorks® software. Tailor-make the mailing list, revise it and print. After four easy sessions, you're off to the post office to send greetings on their way.

March over to AppleLink University's Administration for times and locations of DataBase Boot Camp and other AppleLink U. courses. Enlist today!
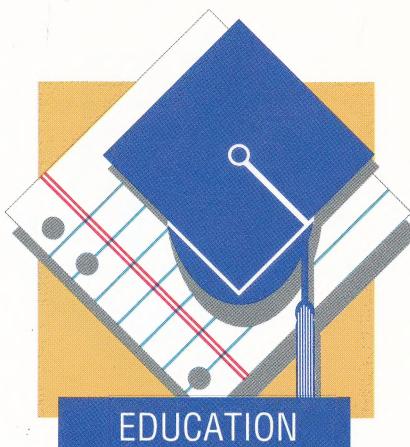
EDUCATION

Find the Best School with College Explorer

Choosing the right college from the hundreds of institutions in the United States is one of the most important decisions you'll ever make. College Explorer will help you make the wisest choice — and it will slash the time and the frustration involved.

Go to College Board Online in the Learning Center in General Services and select College Explorer. A database of facts about universities and colleges, College Explorer lets you type in *your own* criteria — small school or large, rural or urban, your field of study, etc. Then, it responds with a list of institutions tailored to meet *your* needs.

Get Expert, Objective Advice

You'll also get important guidance from the College Board Online section about how to apply to colleges, how to get financial aid, and what alternatives you have for paying your college expenses. As a national non-profit association of more than 2,500 educational institutions, associations, and agencies, the College Board offers you expertise you can't afford to pass up!

University of Tomorrow Winter Quarter

Register now for a course at the University of Tomorrow. You may sign up for any of the courses listed below before January 2 — just go to the Learning Center in General Services.

Creative Writing
English Composition
S.A.T. Preparation
Algebra 1
Introduction to Music Theory
Photography
Planet Earth

Sign Up for Winter Courses

Discover the benefits of online learning — sign up for a course at the AppleLink University of Tomorrow! Register between December 16 and January 2. For more information on the learning adventures waiting for you this winter, go to the Learning Center in General Services and Select University of Tomorrow. Then, select Information Center and look for Course Catalog.

Apple Collection: Shop 'til You Drop While Sitting at Home

Hate the crowds in the department stores and the traffic jam en route to the mall? Put your feet up and go shopping at The Apple Collection™ on AppleLink—Personal Edition.

The Apple Collection, located in Apple Headquarters in the Apple Community, offers a broad array of gifts for the computer user.

Stock on the electronic shelves includes 12 oz. coffee mugs with the 6-color Apple logo, quartz watches, disk boxes, beach towels emblazed with the Apple name, mouse pads, t-shirts, and a nylon attache case with inside and outside pockets, dividers, leather reinforced shoulder strap and carrying handle.

All Apple Collection items come with a 30-day, money-back guarantee and you can order each by simply pointing, clicking and providing your credit card information. Sure beats the lines at the shopping center!

Early in 1989, The Apple Collection provides a new way to obtain Apple tie-tacks, voice-activated alarm clocks, computer furniture, and other items — through a Hyper-Card catalog.

"The Apple Collection catalog is an interactive disk and lets you browse through the entire collection, provides an order form and automatically adds tax, shipping and handling charges," says Marie Moore, merchandising manager for The Apple Collection.

Discover the intriguing background behind the HyperCard catalog. Join Moore and members of The Apple Collection, 9 p.m., Thursday, December 1 in the Apple Auditorium.

Chronicle The Season's Headaches: Win a Apple IIgs!

Most would agree, the holiday season brings a measure of frustration, along with all that good cheer. Shopping center lines. Traffic jams. Company parties. Over-extended credit.

Sure, we know you'll be ready to laugh about it come January, but...

AppleLink wants to help you make light of the holidays a little sooner, and will reward an Apple IIgs® computer for your efforts.

Describe in 300-words-or-less the Worst Day Before Christmas, that time the car broke down, the year the tree

Apple Headquarters

caught on fire. Tell us about the assorted jam-ups, and bizarre encounters in the shopping center. It doesn't have to have happened, except in your nightmares!

Judges are looking for the craziest, funniest, most tangled web of mishaps that can make us all laugh this holiday season. Post your entries by midnight, December 24, in the Worst Day Before Christmas Contest area of Apple Headquarters. The winner will be announced at a special Apple Headquarters event, 9 p.m., Thursday, January 5, in the Apple Auditorium.

Ask Customer Relations

You can post your questions to Customer Relations in the Ask Apple area of the Apple Headquarters. Check the (Your Q's & A's) message board in Ask Apple for answers to commonly asked questions.

Q: My dealer says that I have the new 2.0 version of the ROM in my Apple IIGS, but when I boot the system it says that I have revision 01. Which one do I have?

A: There are two numbers assigned to a chip: One is the chip revision number and the other is the finished goods revision number. In the case of your IIGS, the 2.0 number is the finished goods revision, the 01 is the chip level revision. In effect, ROM Rev. 2.0 will display revision number 01 on your computer on bootup.

Q: Can I use the most current version of the Macintosh System Software with my Macintosh 128K computer? I'd like to take advantage of the new features in the software such as MultiFinder.

A: The Macintosh 128K does not have sufficient memory to run newer versions of the Macintosh system software, which include MultiFinder. For your computer, the best software to use is version 2.0 of the System and 4.1 of the Finder.

HOT TIPS

These hot tips come from Apple internal findings, and Apple users. Send your hot tips to Apple via electronic mail to "Apple CR." If your hot tip is published or posted in the Hot Tips area in Apple Headquarters, we'll send you an AppleLink t-shirt!

Using System 6.0 With Floppy Drive CPUs

Macintosh System Software, version 6.0, contains Installer scripts that will install only the parts needed for a particular Macintosh. By using these scripts, you can create a startup disk with the smallest System Folder possible. This can be valuable if your Macintosh has 1 megabyte of RAM, since it will reduce the amount of memory used by the System and free memory for use by your applications.

Error In Apple IIGS GS/OS Owner's Guide

The Apple IIGS System Disk Owner's Guide has an error on page 47, part number 030-1495-B. The second sentence in the top paragraph reads, "Choose 800K 4:1 for ProDOS 16 files and 800K 2:1 for ProDOS 8 files (or for a combination of ProDOS 8 and Macintosh files)." This isn't accurate: for most cases, you should select 800K 2:1. If you use the disk in both Apple 3.5 Drives and UniDisk 3.5 drives, however, the 800K 4:1 format will speed up access to the data when the disk is in a UniDisk drive.

RGB Video Interface for Apple IIc Plus

Third-party RGB monitors can be connected to an Apple IIc Plus but to do so requires the use of an RGB video interface. We are aware of a product called the Peacock RGB Module, from Telemax, that can be purchased for either digital or analog RGB monitors. Contact the manufacturer at: Peacock Telemax, Inc., P.O. Box 339, Warrington, PA 18976. 215/343-3000

Give Hand-Crafted Computer Gifts from the Software Libraries

The best gift is always the one you make yourself, crafted with your own understanding of the recipient and what he or she needs. This year, forget the macrame, the hand-dipped candles, the bean-bag ashtray: you can give a bundle of public domain software or share-ware, which you download yourself from the Apple Forum software libraries or the Software Center in the Apple Community.

All Apple Forums in the Apple Community have associated software libraries. In these libraries, you'll find music, productivity tools, graphics applications, games and utilities, as well as specialized articles, technical notes, and source code. The Software Center in the Apple Community is a direct link to all the Forum software libraries.

To continue the spirit of giving, upload your favorite public domain files to the AppleLink software libraries. Whenever you upload a file for inclusion in a software library, your name is attached to it. This way, you'll receive recognition for your contribu-tion. All uploading to the software libraries and Software Center is free!

Get your hands on the templates, tunes, and desk accessories, by shopping in the Forum software libraries.

Is Santa Through the Chimney the Ultimate Download?

Unlike a nightmare holiday present that has more assembly instructions than a custom sportscar, downloading and uploading files from the AppleLink software libraries is an easy and straight-forward process.

You'll find two types of files in the software libraries: regular files, and files that have the .ACU extension.

To download standard files, first go to the Apple Forums software libraries, or the Software Center. Choose the Macintosh or Apple II area. You'll then get a list of library categories. A scrollable list of files to select, ordered by the date uploaded, will appear. Select the title of the file you want to download, and begin the downloading process. The file is then placed on your disk.

If the file you select to download includes multiple files, they will all be placed on your disk, uncompressed and ready-to-run. When a file is transmitted over AppleLink, it is auto-matically compressed — that is, made smaller to reduce transmission time.

Files with the .ACU extension can be downloaded in the same way. The difference, however, is that a single file

is placed on your disk once the downloading process is completed.

This .ACU file must be processed with the AppleLink Conversion Utility (ACU) located in the Work Offline area in the main AppleLink menu. With this utility you can select the file you wish to unbundle and uncompress via the "Un-Pack" option on the menu. Once you've completed this step, your files are placed on your disk and are ready to use. ACU files require an extra step, but save you money: it takes less time to download because of the enhanced compression routine utilized by ACU.

To upload ACU files into the software libraries, use the Pack option in the ACU menu. You'll designate the files to be compressed and bundled together. After this process is complete, you'll have a single file with the .ACU extension to upload. We recommend that you use ACU for files that are 40k or larger. ACU also compresses music and sound files efficiently.

To upload standard files, go into the software libraries, select the category you want to upload your file to, and then select the upload option. You can upload a single file or multiple files; however, in most cases you'll want these multiple files to be related since they'll be albumed together under one "name." Keep two completely different applications separate and avoid uploading them at the same time, which links them together. After selecting the files, choose the Send option, and the file is automatically uploaded.

Download an Apple II or Macintosh "Download Starter Pack" from the main menu of the Software Center in the Apple Community. Each pack contains five of the most popular public domain or shareware programs, as well as a complete set of instructions to help you get started using the AppleLink software libraries.

If you're having problems finding a file you need, leave a message for one of our Forum Leaders on their "Let's Discuss" message boards located in the Apple Forums. Or you can post your question on the Talk to AppleLink board in the Customer Service area in General Services. An AppleLink Customer Service representative will answer your question within 24 hours.

Apple Forum Leaders Software Library Picks

The Apple Forum Leaders — all 23 of them — will be whipping up the eggnog and shaking the coal out of their stockings, at 9 p.m., Friday, December 16, in the Pippin Auditorium. The Apple Forum Leaders will sort through all the possible products debated in their Forums and describe one product they think is an especially fitting gift.

Here's their holiday list:

Apple II Forums:

AFL Jim: *Apple II Development:* "Nifty List," the most useful programmer's desk accessory of the Apple IIGS, by Dave Lyons ($15 shareware fee.)

AFL Floyd: *Apple II Utilities:* "New Master," allows up to 100 CDAs to be merged.

AFL Wiggy: *Apple II Education:* "FrEdMail Network map" gives a score of phone numbers for school bulletin boards across the country.

AFL TracyP: *Apple II Hardware:* "Dogpaw Documentation Reader" allows you to read the disk-based documentation to freeware and shareware, without running a word processor. Freeware.

AFL Doug: *Apple II Games and Entertainment:* "BOUNCE.IT," an updated GS version of the classic "BrickOut" game.

AFL Marty: *Apple II Productivity:* "Easy Accountant," an AppleWorks accounting system for personal and small business use.

AFL Vince: *Apple II Telecommunications:* "SBBS" by Patrick Sonnek, a shareware BBS for Apple II computers.

AFL Oli: *Apple II AppleWorks:* "SuperPatch," by John Link, installs and uninstalls patches on the AppleWorks disk. In the Macros and Patches Library.

AFL Jack: *Apple II CP/M-MS-DOS:* "NSWP 207," a utility program by Dave Rand to selectively move files between disks and user areas, delete, view, squeeze and unsqueeze files. "A veritable Swiss Army Knife."

AFL Frank D: *Apple II Word Processing:* "Fontview for GS Fonts," a handy little program that lets you view GS fonts on screen before using them.

AFL Grafix: *Apple II Art and Graphics:* "SHR Convert," by Jason Harper.

AFL JCline: *User Group:* "SQUIRT" by Steve Stephenson, a program selector especially helpful for novice ProDOS 8 users.

Macintosh Forums:

AFL LesKay: *Macintosh Utilities:* "BiPlane DA," shareware ($40), a full-featured, powerful spreadsheet with a full repertory of math functions.

AFL George: *Macintosh Communications and Networking:* "The Hyper-Card Guide to Macintosh Consultants," by AFA Don Rowlett, a freeware stack to find and contact consultants, developers and trainers.

AFL Cheryl: *Macintosh Education:* "Algebra Tutor.SIT," a demo.

AFL HypCrd: *Macintosh HyperCard:* "Dartmouth XCMD's Vol.1" with a slew of XCMDs, including PrintField, TextStream, FiletoField, and FiletoClip.

AFL Mike F: *Macintosh Desktop Publishing/Word Processing:* "Adobe Colphon.SIT," an alphabet created with PostScript commands, showing advanced examples of PostScript programming and including a Post-Script downloader.

AFL McGame: *Macintosh Games and Entertainment:* "Scarab of RA 1.2," an adventure game challenging you to escape from the Temple of RA. Note: leave the animals alone if you want to survive.

AFL McArt: *Macintosh Graphic Arts and CAD:* "AutoScrap™ DA," created by AFL McArt and coded by Scott Armitage to facilitate the manipulation of MacWrite rulers, complete with pull-down menus.

AFL Dixie: *Macintosh Music and Sound:* "HyperMIDI," a collection of HyperCard XCMDs for sending and receiving MIDI data, including example cards, mini-sequencer, filter editor and slider designer.

December Calendar of Events

December 1 TO December 3

This Week's Highlights:

Visit the Holiday Happenings area, located in the Customer Service and Apple Calendar & Events departments, to find out how you can join in AppleLink's December fun! From special contests and events to seasonal recipes and software, you'll find it all in Holiday Happenings!

Noted astrologer and author Richard Nolle answers your questions at the Astrology Conference at 8:30 p.m. on Thursday, December 1 in People Connection's Center Stage Auditorium.

Looking for some great gift ideas? Catch the "Shop the Apple Collection Conference" at 9 p.m. on Thursday, December 1 in the Apple Auditorium, located in Apple Headquarters. We'll tell you how you can beat the holiday crowds by shopping online.

YOU could be a prize-winning contestant at People Connection's exciting C'Mon Down & Guess the Price game show, 9 p.m. on Saturday, December 3 in Center Stage Auditorium!

THURSDAY, DECEMBER 1

APPLE FORUMS
9:00 PM Apple II: Productivity Conference (CONF) Topic: Open Forum
10:00 PM Apple II: Telecommunications Conference (CONF) Topic: GS Terminal Software
10:00 PM Macintosh: Music Conference (CONF)
11:00 PM Macintosh: HyperCard Conference (CONF) Topic: Interface Design, Browsing & Painting

INDUSTRY CONNECTION
9:00 PM EPYX Conference (GALA) Topic: Holiday Releases
10:00 PM Chat with Milliken Publishing (CONF) Topic: Medley's Reading Program

PEOPLE CONNECTION
8:30 PM Astrology Conference (CENTER STAGE) Meet noted astrologer Richard Nolle!
10:00 PM Online Education Conference (CENTER STAGE) Find out about educational opportunities on AppleLink!
10:00 PM LAPUB
10:00 PM ART GALLERY Your host is "GraphicGuy"

EDUCATION
8:00 PM English – Classroom A
9:00 PM Manager's Network Conference (CHAT)
9:30 PM English – Classroom A
9:30 PM General Science – Classroom C
9:30 PM Computer Graphics – Classroom E

APPLE HEADQUARTERS
9:00 PM "SHOP THE APPLE COLLECTION" CONFERENCE (APPLE) Learn how you can beat the holiday crowds by shopping the Apple Collection online!
11:00 PM APPLE CAFE (CHAT)

All times listed are Eastern Standard.

December Calendar of Events

December 4 TO December 10

This Week's Highlights:

Go over the river and through the woods to **GRANDMA'S HOUSE**, open every Wednesday at 9 p.m. in People Connection. GRANDMA'S HOUSE will feature lots of holiday goodies, prizes and fun!

Meet Brent Snyder of Advanced Ideas (Maker of the Audobon Series) at the Apple II Education Conference at 8 p.m. on Sunday, December 4 in Pippin Auditorium in the Apple Forums.

Reach for the stars at the Astronomy Club Conference at 10 p.m. on Tuesday, December 6 in People Connection's Center Stage Auditorium. Your host is Stu Goldman of of AppleLink's Astronomy Club.

Take a tour of Sonix and Iconix at the Apple II Music & Sound Conference at 10 p.m. on Wednesday, December 7 in Cortland Auditorium, located in the Apple Forums!

SHAKE, MIX AND POUR! Learn the secrets of "online mixology!" Don't miss the Bartender's Academy Conference at 10 p.m. on Thursday, December 8 in People Connection's Center Stage Auditorium.

SUNDAY, DECEMBER 4

APPLE FORUMS
8:00 PM APPLE II: EDUCATION CONFERENCE (PIPPIN)
Topic: Meet Brent Snyder of Advanced Ideas (Makers of the New Game Show and the Audobon Series)
9:00 PM Macintosh: Hardware Conference (CONF)
10:00 PM Macintosh: Utilities & Desk Accessories Conference (CONF)
Topic: Inits Revisited

FINANCIAL DISTRICT
10:00 PM Investor's Network Conference (CHAT)

EDUCATION
8:00 PM General Math – Classroom B
8:00 PM General Science – Classroom C
9:30 PM English – Classroom A
11:00 PM Physical Science – Classroom C

INDUSTRY CONNECTION
9:00 PM Chat with Orange Micro (CONF)
Topic: Print Spoolers vs. Print Buffers

PEOPLE CONNECTION
8:00 PM KITCHEN
9:00 PM TRIVIA
Topic: Geography
10:00 PM LAPUB
10:00 PM GAME SHOW: Peril! (CENTER STAGE)
You could be a prize-winning contestant!

MONDAY, DECEMBER 5

APPLE FORUMS
9:00 PM APPLE II: APPLEWORKS CONFERENCE (CORTLAND)
Topic: AppleWorks GS

All times listed are Eastern Standard.

December Calendar of Events

10:00 PM APPLE II: GAMES CONFERENCE
(PIPPIN) Topic: Arcade Games - How
Well Are the Classics Being Converted
to the Apple Computer?
10:00 PM Macintosh: Desktop Publishing/Word
Processing Conference (CONF)
Topic: Obtaining, Installing and Using
Downloadable PostScript (Laser
Printer) Fonts

INDUSTRY CONNECTION
9:00 PM Chat with Byte Works (CONF)
Topic: ORCA/BASIC
10:00 PM Chat with Beagle Bros. (CONF)
Topic: Time Out Tips

RECREATION CENTER
10:00 PM SportsLink Talk Show (CHAT)

EDUCATION
8:00 PM General Math – Classroom B
9:30 PM English – Classroom A
9:30 PM Math – Classroom B
9:30 PM General Science – Classroom C
9:30 PM Spanish – Classroom D
9:30 PM Computer Literacy – Classroom E

PEOPLE CONNECTION
10:00 PM LAPUB
10:00 PM TRIVIA Topic: Grab Bag!

TUESDAY, DECEMBER 6

APPLE FORUMS
9:00 PM Apple II: CP/M Conference (CONF)
Topic: Beginning CP/M and MS-DOS
10:00 PM APPLE II: DEVELOPMENT
CONFERENCE (PIPPIN) Topic: Meet
Tom Leonard of TML Systems, Inc.
10:00 PM Macintosh: Education Conference
(CONF) Topic: General Q & A
11:00 PM Macintosh: Development Conference
(CONF) Topic: General Q & A

INDUSTRY CONNECTION
10:00 PM Chat with Davidson & Associates
(CONF)

CLUB HOUSE
10:00 PM Phantasy Guild Electronic Roleplaying
THE DUNGEON (CHAT)

EDUCATION
8:00 PM S.A.T. Drill – Classroom D
9:30 PM Biology – Classroom C
9:30 PM Computer Graphics – Classroom E

PEOPLE CONNECTION
9:00 PM TEEN CHAT Your host is "NinaK"
10:00 PM Astronomy Club Conference (CENTER
STAGE) Meet Stu Goldman, host of
AppleLink's Astronomy Club
10:00 PM LAPUB
10:00 PM ART GALLERY
Your host is "GraphicGuy"
11:00 PM BETA CLUB

APPLE HEADQUARTERS
11:00 PM APPLE CAFE (CHAT)

WEDNESDAY, DECEMBER 7

APPLE FORUMS
9:00 PM Apple II: Utilities Conference (CONF)
Topic: ProDOS Utilities
10:00 PM APPLE II: TELECOMMUNICATIONS
CONFERENCE (PIPPIN)
Topic: Rainbow Telecommunications
10:00 PM APPLE II: MUSIC & SOUND/ART &
GRAPHICS CONFERENCE
(CORTLAND)
Topic: Take a Tour of Sonix and Iconix
10:00 PM Macintosh: Communications &
Networking Conference (CONF)
Topic: General Q & A
11:00 PM Macintosh: Graphic Arts & CAD
Conference (CONF) Topic: "Open It!"
and "SuperGlue" File Formats

All times listed are Eastern Standard.

EDUCATION
9:30 PM   Math – Classroom B
9:30 PM   French – Classroom D
9:30 PM   Computer Literacy – Classroom E
11:00 PM Physical Science – Classroom C

PEOPLE CONNECTION
9:00 PM   GRANDMA'S HOUSE
9:00 PM   TRIVIA Topic: Sports
10:00 PM LAPUB
10:30 PM STAR TALK

APPLE HEADQUARTERS
10:00 PM INSIDE APPLE CONFERENCE (APPLE)
            Meet an Apple Marketing Manager!

THURSDAY, DECEMBER 8

APPLE FORUMS
9:00 PM   Apple II: Productivity Conference
            (CONF) Topic: Time Saving Software
10:00 PM Apple II: Telecommunications
            Conference (CONF)
            Topic: Home Computer Shopping
10:00 PM Macintosh: Music Conference (CONF)
11:00 PM Macintosh: Hypercard Conference
            (CONF) Topic: Beginning Hypertalk
            Scripting & Browsing

INDUSTRY CONNECTION
10:00 PM Chat with PBI (GALA)
            Topic: New Product Announcements!

PEOPLE CONNECTION
9:00 PM   Genealogy Club Conference (CENTER
            STAGE) Ask questions about tracing
            your family heritage.
10:00 PM LAPUB Celebrate Hanukkah in LaPub!
10:00 PM ART GALLERY
            Your host is "GraphicGuy"
10:00 PM Bartender's Academy Conference
            (CENTER STAGE)
            Learn how YOU can enroll in People
            Connection's Bartender's Academy!

11:00 PM Meet Psychic Advisor Scout Bartlett!
            (CENTER STAGE)
11:00 PM BETA CLUB

EDUCATION
8:00 PM   English – Classroom A
9:00 PM   Manager's Network Conference (CHAT)
9:30 PM   English – Classroom A
9:30 PM   General Science – Classroom C
9:30 PM   Computer Graphics – Classroom E

APPLE HEADQUARTERS
10:00 PM PREMIERE APPLE CONFERENCE
            WITH CHUCK BOESENBERG AND SUE
            ZEMEL (APPLE) Meet Apple's Senior
            Vice President of U.S. Sales &
            Marketing and the *AppleLink Update*
            Editor! Learn how Apple computers are
            changing the way people work.
11:00 PM APPLE CAFE (CHAT)

FRIDAY, DECEMBER 9

APPLE FORUMS
9:00 PM   USER GROUP CONFERENCE (APPLE)
            Topic: User Group Evolution/How to
            Survive as a User Group Leader with
            Bill Holt of Media Genics!
9:00 PM   APPLE II: HARDWARE CONFERENCE
            (PIPPIN) Topic: Peripherals
10:00 PM Apple II: Art & Graphics Conference
            (CONF) Topic: Animation & Slide
            Show Making
10:00 PM Macintosh: Business Conference
            (CONF)
11:00 PM MACINTOSH: GAMES &
            ENTERTAINMENT CONFERENCE
            (CORTLAND) Topic: Rainbird Software

PEOPLE CONNECTION
10:00 PM LAPUB

All times listed are Eastern Standard.

December Calendar of Events

SATURDAY, DECEMBER 10

APPLE FORUMS
9:00 PM Apple II: Word Processing Conference (CONF) Topic: Word Processors for Christmas (A Quick Review)
10:00 PM MACINTOSH: UTILITIES & DESK ACCESSORIES CONFERENCE (CORTLAND)
Topic: Meet with CE Software
10:00 PM STUMP THE APPLE II FORUM LEADERS (PIPPIN)

EDUCATION
9:30 PM Music – Classroom D

PEOPLE CONNECTION
9:00 PM Holiday Auction! (CENTER STAGE) Get great holiday buys on electronics and more!
10:00 PM LAPUB
11:00 PM BETA CLUB

This Week's Highlights:

TRIVIA WHIZZES: Get quizzed on December happenings at the "It Happened in December" Trivia Match, 7 p.m. on Sunday, December 11 in People Connection's Center Stage Auditorium. Win prizes!

Meet Bob Consorti of ON THREE, INC., authors of the Desktop Manager, at the Apple II Utilities Conference at 9 p.m. on Wednesday, December 14 in Cortland Auditorium in the Apple Forums.

Get together with leading management gurus Batten, Batten, Hudson & Swab at 10 p.m. on Wednesday, December 14 in People Connection's Center Stage Auditorium. Learn how to enhance YOUR management strategies.

CELEBRATE WITH THE FORUM LEADERS! AppleLink's Forum Leaders are hanging their stockings and mixing the eggnog. And they cordially invite one and all to join their merriment at a special Holiday Conference, 9 p.m. on Friday, December 16 in Pippin Auditorium in the Apple Forums. The Forum Leaders will offer their tips on Apple and Apple-compatible products for the holiday season.

All times listed are Eastern Standard.

SUNDAY, DECEMBER 11

APPLE FORUMS
8:00 PM Apple II: Education Conference (CONF)
          Topic: Term Paper Writing at the
          Secondary and College Levels,
          Including a Review of Software
          Available
9:00 PM Macintosh: Hardware Conference
          (CONF)
10:00 PM Macintosh: Utilities & Desk
          Accessories Conference (CONF)
          Topic: CE Software's Utilities, DAs and
          CDEVs

FINANCIAL DISTRICT
10:00 PM Investor's Network Conference (CHAT)

EDUCATION
8:00 PM General Math – Classroom B
8:00 PM General Science – Classroom C
9:30 PM English – Classroom A
11:00 PM Physical Science – Classroom C

PEOPLE CONNECTION
7:00 PM "It Happened in December" Trivia
          Match! (CENTER STAGE) "Trivia Vern"
          and "TB Ron" will quiz you on
          December happenings!
8:00 PM KITCHEN
10:00 PM LAPUB Join your LaPub friends for a
          holiday sleigh ride!

INDUSTRY CONNECTION
9:00 PM Sierra On-Line Conference (GALA)

MONDAY, DECEMBER 12

APPLE FORUMS
9:00 PM Apple II: AppleWorks Conference
          (CONF) Topic: Best AppleWorks Tips
10:00 PM Apple II: Games Conference (CONF)
          Topic: Winter Sports Games - Hockey,
          Skiing and Other Simulations

10:00 PM Macintosh: Desktop Publishing/Word
          Processing Conference (CONF)
          Topic: The Microsoft RTF - How is it
          Useful to You?

INDUSTRY CONNECTION
10:00 PM Chat with Beagle Bros. (CONF)
          Topic: Ask the Beagle
10:00 PM Applied Engineering Conference
          (GALA)
          Topic: Memory Cards

RECREATION CENTER
10:00 PM SportsLink Talk Show (CHAT)

EDUCATION
8:00 PM General Math – Classroom B
9:30 PM English – Classroom A
9:30 PM Math – Classroom B
9:30 PM General Science – Classroom C
9:30 PM Spanish – Classroom D
9:30 PM Computer Literacy – Classroom E

PEOPLE CONNECTION
9:00 PM CHOIR PRACTICE
10:00 PM LAPUB
10:00 PM TRIVIA Topic: Grab Bag!

APPLE HEADQUARTERS
9:00 PM MEET THE APPLE CREATIVE
          SERVICES GROUP (APPLE)

TUESDAY, DECEMBER 13

APPLE FORUMS
9:00 PM APPLE II: CP/M CONFERENCE
          (PIPPIN) Topic: Command Shells for
          CP/M and MS-DOS
10:00 PM Apple II: Development Conference
          (CONF) Topic: Pascal & C
10:00 PM Macintosh: Education Conference
          (CONF) Topic: New Products
11:00 PM Macintosh: Development Conference
          (CONF)
          Topic: Beginning Mac Programming

December Calendar of Events

CLUB HOUSE
10:00 PM Phantasy Guild Electronic Roleplaying
THE DUNGEON (CHAT)

EDUCATION
8:00 PM S.A.T. Drill – Classroom D
9:30 PM Biology – Classroom C
9:30 PM Computer Graphics – Classroom E

PEOPLE CONNECTION
9:00 PM TEEN CHAT Your host is "NinaK"
10:00 PM LAPUB
10:00 PM ART GALLERY
Your host is "GraphicGuy"
11:00 PM BETA CLUB

APPLE HEADQUARTERS
11:00 PM APPLE CAFE (CHAT)

WEDNESDAY, DECEMBER 14

APPLE FORUMS
9:00 PM APPLE II: UTILITIES CONFERENCE
(CORTLAND) Topic: Meet Bob
Consorti of ON THREE, INC., Authors
of the Desktop Manager
10:00 PM Apple II: Music & Sound Conference
(CONF) Topic: General Discussion
10:00 PM MACINTOSH: COMMUNICATIONS &
NETWORKING CONFERENCE (PIPPIN)
Topic: Making Money with the Mac
Online
11:00 PM MACINTOSH: GRAPHIC ARTS & CAD
CONFERENCE (CORTLAND)
Topic: Meet Lee Anderson, Author of
SpaceMaker Perspective 3D

INDUSTRY CONNECTION
9:00 PM Chat with TML Systems (CONF)
Topic: TML Pascal
10:00 PM Broderbund Conference (GALA)

EDUCATION
9:30 PM Math – Classroom B
9:30 PM French – Classroom D
9:30 PM Computer Literacy – Classroom E
11:00 PM Physical Science – Classroom C

PEOPLE CONNECTION
9:00 PM GRANDMA'S HOUSE
9:00 PM TRIVIA Topic: Science
10:00 PM Management Conference (CENTER
STAGE)
With leading management consultants
Batten, Batten, Hudson & Swab!
10:00 PM LAPUB
10:30 PM STAR TALK

THURSDAY, DECEMBER 15

APPLE FORUMS
9:00 PM Apple II: Productivity Conference
(CONF) Topic: Databases
10:00 PM Apple II: Telecommunications
Conference (CONF)
Topic: Don Orth and Friends Discuss
Packet Radio
10:00 PM Macintosh: Music Conference (CONF)
11:00 PM Macintosh: Hypercard Conference
(CONF) Topic: Advanced Hypertalk
Scripting & Painting

INDUSTRY CONNECTION
10:00 PM Milliken Publishing Conference
(GALA)
Topic: Medley

PEOPLE CONNECTION
10:00 PM LAPUB
10:00 PM ART GALLERY
Your host is "GraphicGuy"
11:00 PM BAR STOOL
11:00 PM BETA CLUB

All times listed are Eastern Standard.

EDUCATION
8:00 PM English – Classroom A
9:00 PM Manager's Network Conference (CHAT)
9:30 PM English – Classroom A
9:30 PM General Science – Classroom C
9:30 PM Computer Graphics – Classroom E

APPLE HEADQUARTERS
9:00 PM APPLE PRODUCTS PANEL
CONFERENCE (APPLE)
Meet Randy Battat, Vice President of
Apple Product Marketing; Willie
Collier, Co-Producer of the AppleLink
Forums; and the AppleLink Hardware
Forum Leaders to look at Apple
products for the holidays!
11:00 PM APPLE CAFE (CHAT)

FRIDAY, DECEMBER 16

APPLE FORUMS
9:00 PM AppleLink Forum Leaders' Holiday
Conference (PIPPIN) Get tips from the
experts on Apple and Apple-
compatible products for the holidays!
9:00 PM User Group Conference (CONF)
Topic: Public Domain Library
Management
10:00 PM Apple II: Art & Graphics Conference
(CONF)
Topic: Object-Oriented Graphics
10:00 PM Macintosh: Business Conference
(CONF)
11:00 PM Macintosh: Games & Entertainment
Conference (CONF)
Topic: Fantasy RPGs

PEOPLE CONNECTION
10:00 PM LAPUB

SATURDAY, DECEMBER 17

APPLE FORUMS
9:00 PM Apple II: Word Processing Conference
(CONF) Topic: Features to Look for in
a Good Word Processor
10:00 PM MEET THE MACINTOSH FORUM
LEADERS (CORTLAND)

EDUCATION
9:30 PM Music – Classroom D

PEOPLE CONNECTION
9:00 PM GAME SHOW: Academic Bowl!
(CENTER STAGE)
Join the brainy antics and win!
10:00 PM LAPUB
11:00 PM BETA CLUB

December Calendar of Events

December 18 TO December 24

This Week's Highlights:

What's important in selecting a desktop publishing program? Find out at the Macintosh Desktop Publishing/Word Processing Conference at 10 p.m. on Monday, December 19 in Cortland Auditorium in the Apple Forums.

Professional feminist Lee Chiaramonte of the Ms. Foundation for Education & Communication, Inc. discusses '80s issues at the Women Today Conference, 10 p.m. on Monday, December 19 in People Connection's Center Stage Auditorium.

DECK THE HALLS! People Connection's LAPUB is hosting a Tree-Trimming Party at 10 p.m. on Tuesday, December 20. Bring your favorite ornaments, tinsel and garlands to place on the tree! We'll treat you to hot apple cider and holiday cookies!

Meet an AppleLink Education representative at the Inside Apple Conference at 10 p.m. on Wednesday, December 21 in the Apple Auditorium in Apple Headquarters.

Focus your sights on Visualizer at the PBI Conference, 10 p.m. on Thursday, December 22 in the Industry Connection's Gala Auditorium.

SUNDAY, DECEMBER 18

APPLE FORUMS
8:00 PM Apple II: Education Conference (CONF)
Topic: Adult Literacy Issues. Meet Jose Cruz, Consultant with the San Diego Council on Literacy, and Russ Hamm, Project Read Director for National City, CA
9:00 PM Macintosh: Hardware Conference (CONF)
10:00 PM Macintosh: Utilities & Desk Accessories Conference (CONF)
Topic: Utilities Forum Christmas Party! Win Door Prizes!

FINANCIAL DISTRICT
10:00 PM Investor's Network Conference (CHAT)

EDUCATION
8:00 PM General Math – Classroom B
8:00 PM General Science – Classroom C
9:30 PM English – Classroom A
11:00 PM Physical Science – Classroom C

INDUSTRY CONNECTION
9:00 PM Orange Micro Conference (GALA)
Topic: Macintosh Printer Alternatives
9:00 PM Chat with Sierra On-Line (CONF)
10:00 PM GAME SHOW: FlashWord IC! (GALA)
You could be a prize-winning contestant!

PEOPLE CONNECTION
8:00 PM KITCHEN
9:00 PM TRIVIA Topic: Literature
10:00 PM GAME SHOW: Wheel Watchers! (CENTER STAGE)
You could be a prize-winning contestant!
10:00 PM LAPUB

All times listed are Eastern Standard.

MONDAY, DECEMBER 19

APPLE FORUMS
9:00 PM Apple II: AppleWorks Conference
(CONF)
Topic: AppleWorks and Printers
10:00 PM Apple II: Games Conference (CONF)
Topic: Get Answers to Your Questions
from an Industry Leader
10:00 PM MACINTOSH: DESKTOP PUBLISHING/
WORD PROCESSING CONFERENCE
(CORTLAND)
Topic: What's Important in Selecting a
Desktop Publishing Program?

INDUSTRY CONNECTION
9:00 PM Byte Works Conference (GALA)
Topic: ORCA/C
10:00 PM Berkeley Softworks Conference (GALA)
Topic: GEOS
10:00 PM Chat with Beagle Bros. (CONF)
Topic: Programming with Beagle
Products

RECREATION CENTER
10:00 PM SportsLink Talk Show (CHAT)

EDUCATION
8:00 PM General Math – Classroom B
9:30 PM English – Classroom A
9:30 PM Math – Classroom B
9:30 PM General Science – Classroom C
9:30 PM Spanish – Classroom D
9:30 PM Computer Literacy – Classroom E

PEOPLE CONNECTION
10:00 PM Women Today Conference (CENTER
STAGE) Meet Lee Chiaramonte of the
Ms. Foundation for Education &
Communication, Inc.
10:00 PM LAPUB
10:00 PM TRIVIA
Topic: Grab Bag!

TUESDAY, DECEMBER 20

APPLE FORUMS
9:00 PM Apple II: CP/M Conference (CONF)
Topic: Why Add a Co-Processor Card
to Your Apple?
10:00 PM Apple II: Development Conference
(CONF) Topic: Assembly Language
10:00 PM Macintosh: Education Conference
(CONF)
Topic: Keeping Up with the Kids
11:00 PM MACINTOSH: DEVELOPMENT
CONFERENCE (PIPPIN)
Topic: Which Language is for Me?

INDUSTRY CONNECTION
9:00 PM Activision Conference (GALA)
Topic: Holiday Releases
10:00 PM Davidson & Associates (GALA)

CLUB HOUSE
10:00 PM Phantasy Guild Electronic Roleplaying
THE DUNGEON (CHAT)

EDUCATION
8:00 PM S.A.T. Drill – Classroom D
9:30 PM Biology – Classroom C
9:30 PM Computer Graphics – Classroom E

PEOPLE CONNECTION
9:00 PM TEEN CHAT Your host is "NinaK"
10:00 PM Investor's Network Conference
(CENTER STAGE)
Bring your investment questions!
10:00 PM LAPUB Tonight, LaPub hosts a Tree
Trimming Party!
10:00 PM ART GALLERY
Your host is "GraphicGuy"
11:00 PM BETA CLUB

APPLE HEADQUARTERS
11:00 PM APPLE CAFE (CHAT)

All times listed are Eastern Standard.

December Calendar of Events

WEDNESDAY, DECEMBER 21

APPLE FORUMS
9:00 PM Apple II: Utilities Conference (CONF)
         Topic: IIGS Utilities
10:00 PM Apple II: Music & Sound Conference
         (CONF) Topic: Getting Along with the
         Staff - Tricks & Tips for Entering Music
         into Your Favorite Music Notation
         Package
10:00 PM Macintosh: Communications &
         Networking Conference (CONF)
         Topic: Getting Started Online
11:00 PM Macintosh: Graphic Arts & CAD
         Conference (CONF)
         Topic: General Q & A

EDUCATION
9:30 PM Math – Classroom B
9:30 PM French – Classroom D
9:30 PM Computer Literacy – Classroom E
11:00 PM Physical Science – Classroom C

PEOPLE CONNECTION
9:00 PM GRANDMA'S HOUSE
         Tonight, Santa visits Grandma's
         House!
9:00 PM TRIVIA Topic: Television
10:00 PM LAPUB
10:30 PM STAR TALK

APPLE HEADQUARTERS
9:00 PM GUIDED TOUR OF THE APPLE
         COMMUNITY (APPLE)
10:00 PM INSIDE APPLE CONFERENCE (APPLE)
         Meet an Apple Education
         representative!

THURSDAY, DECEMBER 22

APPLE FORUMS
9:00 PM APPLE II: PRODUCTIVITY
         CONFERENCE (PIPPIN)
         Topic: Meet Mark Sweetnam of
         Milliken Publishing, Co. to discuss
         Medley!
10:00 PM Apple II: Telecommunications
         Conference (CONF)
         Topic: Open Discussion
10:00 PM Macintosh: Music Conference (CONF)
11:00 PM MACINTOSH: HYPERCARD
         CONFERENCE (CORTLAND)
         Topic: Beginning Hypertalk Scripting &
         Interface Design

INDUSTRY CONNECTION
10:00 PM PBI Conference (GALA)
         Topic: Visualizer

PEOPLE CONNECTION
10:00 PM LAPUB
10:00 PM ART GALLERY
         Your host is "GraphicGuy"
11:00 PM BAR STOOL
11:00 PM BETA CLUB

EDUCATION
8:00 PM English – Classroom A
9:00 PM Manager's Network Conference (CHAT)
9:30 PM English – Classroom A
9:30 PM General Science – Classroom C
9:30 PM Computer Graphics – Classroom E

APPLE HEADQUARTERS
9:00 PM APPLE COMPUTER CLUBS
         CONFERENCE (APPLE) Your host is
         special guest Laura Reynolds
11:00 PM APPLE CAFE (CHAT)

All times listed are Eastern Standard.

FRIDAY, DECEMBER 23

APPLE FORUMS
9:00 PM User Group Conference (CONF)
        Topic: Membership Drives
10:00 PM Apple II: Art & Graphics Conference
        (CONF) Topic: Open Forum
10:00 PM Macintosh: Business Conference
        (CONF)
11:00 PM Macintosh: Games & Entertainment
        Conference (CONF) Topic: Strategy &
        Tactics - Falcon Simulator

PEOPLE CONNECTION
10:00 PM SportsLink Auction (CENTER STAGE)
        Get great buys on sports equipment!
10:00 PM LAPUB Join the merriment at LaPub's
        Holiday Party!

SATURDAY, DECEMBER 24

APPLE FORUMS
9:00 PM Apple II: Word Processing Conference
        (CONF)
        Topic: Christmas Eve Special (Q & A)
10:00 PM STUMP THE MACINTOSH FORUM
        LEADERS (PIPPIN)

EDUCATION
9:30 PM Music – Classroom D

PEOPLE CONNECTION
10:00 PM LAPUB

December 25 TO December 31

This Week's Highlights:

APPLELINK TEENS: Join your friends in the TEEN CHAT room, open every Tuesday at 9 p.m. in People Connection. Your host is "NinaK."

Explore the Ancient Art of War at the Macintosh Games & Entertainment Conference at 11 p.m. on Friday, December 30 in the Apple Forums' Macintosh Forums.

Put on your black tie! LAPUB is hosting a glitzy New Year's Eve Bash at 10 p.m. on Saturday, December 31 in People Connection. We'll keep the champagne flowing 'til 1989 rolls in!

All times listed are Eastern Standard.

December Calendar of Events

SUNDAY, DECEMBER 25

APPLE FORUMS
8:00 PM Apple II: Education Conference (CONF)
              Topic: Open Chat
9:00 PM Macintosh: Hardware Conference
              (CONF)

FINANCIAL DISTRICT
10:00 PM Investor's Network Conference (CHAT)

EDUCATION
8:00 PM General Math – Classroom B
8:00 PM General Science – Classroom C
9:30 PM English – Classroom A
11:00 PM Physical Science – Classroom C

PEOPLE CONNECTION
8:00 PM KITCHEN
10:00 PM LAPUB

MONDAY, DECEMBER 26

APPLE FORUMS
9:00 PM Apple II: AppleWorks Conference
              (CONF) Topic: AppleWorks Add-Ons
10:00 PM Apple II: Games Conference (CONF)
              Topic: How to Play All of Those Games
              You Got for Christmas
10:00 PM Macintosh: Desktop Publishing/Word
              Processing Conference (CONF)
              Topic: Using the Tempo II Macro
              Program in Word Processing and
              Desktop Publishing

INDUSTRY CONNECTION
10:00 PM Beagle Bros. Conference (GALA)
              Topic: Beagle Close-up
10:00 PM Chat with Applied Engineering (CONF)
              Topic: PC Transporter

RECREATION CENTER
10:00 PM SportsLink Talk Show (CHAT)

EDUCATION
8:00 PM General Math – Classroom B
9:30 PM English – Classroom A
9:30 PM Math – Classroom B
9:30 PM General Science – Classroom C
9:30 PM Spanish – Classroom D
9:30 PM Computer Literacy – Classroom E

PEOPLE CONNECTION
10:00 PM Fiction & Fantasy Club Conference
              (CENTER STAGE) Learn about the
              world of online roleplaying!
10:00 PM LAPUB
10:00 PM TRIVIA Topic: Grab Bag!

TUESDAY, DECEMBER 27

APPLE FORUMS
9:00 PM Apple II: CP/M Conference (CONF)
              Topic: Open Q & A Session
10:00 PM Apple II: Development Conference
              (CONF) Topic: Operating Systems
10:00 PM MACINTOSH: EDUCATION
              CONFERENCE (PIPPIN)
              Topic: Mac Goes to School
11:00 PM Macintosh: Development Conference
              (CONF) Topic: Getting the Bugs Out!

INDUSTRY CONNECTION
10:00 PM Timeworks Conference (GALA)
              Topic: Publish It!

CLUB HOUSE
10.00 PM Phantasy Guild Electronic Roleplaying
              THE DUNGEON (CHAT)

EDUCATION
8:00 PM S.A.T. Drill – Classroom D
9:30 PM Biology – Classroom C
9:30 PM Computer Graphics –Classroom E

All times listed are Eastern Standard.

PEOPLE CONNECTION
9:00 PM Forum Leader Open House! (CENTER
          STAGE) Meet AppleLink's Forum
          Leaders at an exclusive Open House in
          People Connection!
9:00 PM TEEN CHAT Your host is "NinaK"
10:00 PM LAPUB
10:00 PM ART GALLERY
          Your host is "GraphicGuy"
11:00 PM BETA CLUB

APPLE HEADQUARTERS
11:00 PM APPLE CAFE (CHAT)

WEDNESDAY, DECEMBER 28

APPLE FORUMS
9:00 PM Apple II: Utilities Conference (CONF)
          Topic: Disk Copiers & Backup Utilities
10:00 PM Apple II: Music & Sound Conference
          (CONF)
          Topic: Editing Sound on the GS
10:00 PM Macintosh: Communications &
          Networking Conference (CONF)
          Topic: The Art of Networking
11:00 PM Macintosh: Graphic Arts & CAD
          Conference (CONF) Topic: What
          Drawing Program Was Found Under
          Your Tree? (Show and Tell)

INDUSTRY CONNECTION
9:00 PM TML Systems Conference (GALA)
          Topic: TML BASIC
10:00 PM Chat with Broderbund (CONF)

EDUCATION
9:30 PM Math – Classroom B
9:30 PM French – Classroom D
9:30 PM Computer Literacy – Classroom E
11:00 PM Physical Science – Classroom C

PEOPLE CONNECTION
9:00 PM GRANDMA'S HOUSE
9:00 PM TRIVIA Topic: News Events of 1988

10:00 PM LAPUB
10:30 PM STAR TALK

THURSDAY, DECEMBER 29

APPLE FORUMS
9:00 PM Apple II: Productivity Conference
          (CONF) Topic: Personal Finance
10:00 PM Apple II: Telecommunications
          Conference (CONF) Topic: What Did
          Ya Get For Christmas?
10:00 PM Macintosh: Music Conference (CONF)
11:00 PM Macintosh: Hypercard Conference
          (CONF)
          Topic: Advanced Hypertalk Scripting

PEOPLE CONNECTION
10:00 PM LAPUB
10:00 PM ART GALLERY
          Your host is "GraphicGuy"
11:00 PM BAR STOOL
11:00 PM BETA CLUB

EDUCATION
8:00 PM English – Classroom A
9:00 PM Manager's Network Conference (CHAT)
9:30 PM English – Classroom A
9:30 PM General Science – Classroom C
9:30 PM Computer Graphics – Classroom E

APPLE HEADQUARTERS
10:00 PM APPLELINK U. ORIENTATION (APPLE)
          Meet AppleLink U. administrators,
          teachers, and alumni!
11:00 PM APPLE CAFE (CHAT)

FRIDAY, DECEMBER 30

APPLE FORUMS
9:00 PM User Group Conference (CONF)
          Topic: User Group Resolutions -
          Things to Do and Not Do Next Year
10:00 PM Apple II: Art & Graphics Conference
          (CONF)
          Topic: Single & Double Hi-Res

All times listed are Eastern Standard.

December Calendar of Events

10:00 PM Macintosh: Business Conference
             (CONF)
11:00 PM Macintosh: Games & Entertainment
             Conference (CONF)
             Topic: Ancient Art of War Discussion

PEOPLE CONNECTION
10:00 PM LAPUB

SATURDAY, DECEMBER 31

APPLE FORUMS
 9:00 PM Apple II: Word Processing Conference
             (CONF) Topic: The Yearly Roundup
10:00 PM STUMP THE MACINTOSH FORUM
             LEADERS (PIPPIN)

EDUCATION
 9:30 PM   Music – Classroom D

PEOPLE CONNECTION
10:00 PM LAPUB
             Join LaPub's glitzy New Year's Eve
             Bash! Formal attire required.

All times listed are Eastern Standard.

A Key to Keywords

Keywords move you from one department or
service to another without having to use the icon
screen. Select Keywords from the Go To option
on the horizontal menu or by pressing OPEN-
Apple K.

Each Department name is a Keyword. For
example, the Keyword for "Apple University" is
"**apple university**." Keywords can be typed in
either upper or lower case. There are also
Keywords for the Apple Forums. All Keywords
appear in boldface.

Department Keywords	Keywords
Apple University	**University, AU**
Apple Forums	**Forums, SIG, SIF**
Apple Headquarters	**Apple, HQ**
Calendar and Events	**Calendar, Events**
Club House	**Clubs**
Customer Service	**Service, Information**
Financial District	**Finance, Business**
Learning Center	**Education, Learning**
News Room	**News**
Recreation Center	**Recreation, Games**
Reference Library	**Reference**
Software Center	**Software Library**

Industry Connection Forums	Keywords
Applied Engineering	**Applied Engineering**
Activision	**Activision**
Electronic Arts	**EA**
Epyx	**Epyx**
Beagle Bros	**Beagle Bros**
Davidson	**Davidson**
Broderbund	**Broderbund**
PBI Software	**PBI**
TML Systems	**Tml Systems**
Styleware	**Styleware**
Milliken	**Milliken**
Byte Works	**Byte Works**
Orange Micro	**Orange Micro**

Apple® II Forums	Keywords
Apple Hardware	**A2 Hardware, AHW**
Apple Development	**A2 Development, ADV**
AppleWorks	**A2 AppleWorks, AAS**
Music & Sound	**A2 Music, AMS**
Art and Graphics	**A2 Graphics, A2 Art, AGR**
Games & Entertainment	**A2 Games, AGM**
Telecommunications	**A2 Telecom, ATC**
Utilities	**A2 Utilities, AUT**
Education	**A2 Education, AED**
CPM	**A2 CPM, CPM**
Productivity	**A2 Productivity, APR**
Word Processing	**A2 Word Processing, AWP**

Macintosh® Forums	Keywords
Communications	**Mac Communications, MCM**
Desktop Publishing	**Mac Desktop, Mac Publish, MDP**
Business	**Mac Business, MBS**
Graphics	**Mac Graphics, MGR**
HyperCard®	**Mac Hypercard, MHC**
Music & Sound	**Mac Music, MMS**
Education	**Mac Education, MED**
Utilities & DA's	**Mac Utilities, MUT**
Development	**Mac Development, MDV**
Games & Entertainment	**Mac Games, MGM**
Hardware	**Mac Hardware, MHW**

Celebrate the Holidays with AppleLink

From sleigh rides and gingerbread recipes, to Apple Forum contests and People Connection parties (and even a visit or two from Santa), AppleLink is planning an extraordinary holiday celebration!

Keep abreast of the festivities by visiting the Holiday Happenings area, debuting on Monday, December 5, in the Apple Calendar and Events area of the Apple Community, and in People Connection® and Customer Service in General Services.

Holiday Happenings also features information about the many December contests on AppleLink. Find out how you can win an ImageWriter II by taking the Apple II Hardware Forum's quiz on Apple II products! And get the scoop on the "Worst Day Before Christmas" contest that's featured in Apple Headquarters. Chronicle your holiday season headaches, and you could find an Apple IIGS® computer among your holiday gifts!

Win Holiday Prizes

While you're in Holiday Happenings, be sure to stop by the "North Pole" to add your holiday wishes to the Wish List message board. Then, hang your stocking by the "North Pole's Fireplace" — you might find a special prize tucked inside of it!

Stay on Top of Special Events and Contests

Check Holiday Happenings for a listing of December's special events including: the Shop the Apple Collection Conference, scheduled for 9 p.m. on Thursday, December 1 in the Apple Auditorium; the Apple Products Panel Conference, at 9 p.m. on Thursday, December 15 in the Apple Auditorium; and the Apple Forum Leaders Holiday Conference at 9 p.m. on Friday, December 16 in Pippin Auditorium; and many more special holiday conferences.

Exchange Holiday Recipes and Good Cheer

Some of our most pleasant holiday memories revolve around food: both traditional foods and those family favorites. Learn how you can trade your favorite recipes with other AppleLink members in the Cooking Club's Holiday Recipes area. And get set for the Phantasy Guild's new adventure game, debuting this month! Find all the details in Holiday Happenings.

And just in case you were wondering whether it was worth it to be "nice" instead of "naughty" this year, the answer is yes! Good ole' Santa will be making his rounds throughout AppleLink at 9 p.m. in Wednesday, November 21. Join the cheery old fellow for a glass of eggnog in People Connection. He'll be giving away lots of presents in celebration of his favorite season — including free hours online, Apple Collection "toys," and "Where in the World is Carmen Sandiego," "Hitchhiker's Guide," and "Print Shop" software.

Macintosh®
Top 10
Downloads

DOWNLOADS
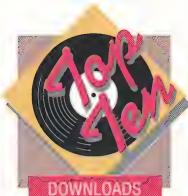
Program and Location	Description
#1 **Aventure Game ToolKit** *Macintosh Games & Entertainment: Miscellaneous*	Design your own adventure games.
#2 **The Cave** *Macintosh Games & Entertainment: Adventure Games*	An extensive adventuer designed with Adventuer Game Toolkit.
#3 **AutoLog 3.2** *Macintosh Communications: Terminal Programs*	Automatically calls and logs you onto your favorite BBS.
#4 **Shredder 6.0.2** *Macintosh Utilities: Utilities*	Completely destroys documents you don't want resurrected and copied.
#5 **ResMenu 1.2b1.1** *Macintosh Utilities: Utilities*	Redesign your Macintosh menus.
#6 **ShutDown/Restart** *Macintosh Utilities: Utilities*	Handy utility for shutting down or restarting your Macintosh.
#7 **Orion 1.75** *Macintosh Graphics: Animation*	The ultimate Space Flight simulator.
#8 **MacSink 6.2** *Macintosh Utilities: Desk Accessories (DAs)*	A complete Word Processor in a Desk Accessory.
#9 **LazLife** *Macintosh Games: Miscellaneous*	The Classic LIFE Simulator. Watch cells live and die, multiply and divide, hope and dream.
#10 **SuperClock** *Macintosh Utilities: INITs*	Still the best clock DA for the Mac. Puts a clock in the upper left hand of your menu bar.

HIGHLIGHT

Mac Sink 6.2

This is a complete word processor in a Desk Accessory. It will pull sizable documents (above 32) into the buffer, allow you to rework them and save all while operating within another applications. Make an outstanding holiday gift for that "new" Macintosh owner. Download Mac Sink from the Macintosh Utilities Forum, Desk Accessories (DAs) software library.

Apple II®
Top 10
Downloads

Program and Location	Description
Submarine GS *Apple II Games & Entertainment:* *Arcade Games*	A sink the subs arcade game based on the old arcade game DEPTH CHARGE.
Anishow *Apple II Art & Graphics: GS Animation*	This program allows you to view Paintworks-type animation "show" files without using Paintworks.
Diversi-Cashe *Apple II Utilities Forum: IIGS Disk Utilities*	Diversi-Cashe greatly speeds up access to an Apple 3 1/2 inch drive. Needs minimum of 512K. Shareware. With documentation.
Tank *Apple II Games & Entertainment:* *War/Strategy Games*	Tank - a two player arcade shoot'em up game. Try to shoot your opponent's tank without getting hit yourself. Great fun for adults or kids.
Lesson Plan Outline *Apple II Education: Teacher's Tools*	An AppleWorks word processing file that contains an outline for planning lessons. For use only by subscribers to Teacher's Idea and Information Exchange or AppleLink–Personal Edition.
Noize *Apple II Music & Sound, Applications*	This program will play all the sound files in a specific folder. With documentation.
NATO *Apple II Games & Entertainment: War/Strategy*	Try to break into a Defense Department Top Secret Computer. Very interesting game.
ACT *Apple II Telecommunications:* *Terminal Programs*	Apple Conferencing Terminal, by Bob Garth, is one of the outstanding terminal programs for the Apple II. It has a 3 line conferencing buffer, interactive graphics and phone number list with a lot of other features.
Print Screen CDA *Apple II Utilities: GS Utilities; CDAs*	A Classic Desk Accessory that will dump your screen to the printer.
Digicopy GS Ver. 1.0 *Apple II Utilities: GS Utilities: Miscellaneous*	Copy entire disks with your Apple IIGS using this utility.

Apple II: ACT (Apple Conferencing Terminal)

ACT is one of the best conferencing terminal programs written. Just released to the public domain by its author, Bob Garth, ACT will dial up and get you on services and Bulletin Board Systems. With a type ahead buffer of 240 lines, and interactive graphics (play games with your friends online) it is destined to become a favorite among telecommunicators. You'll find this program in the Apple II Telecommunications Forum in the Terminal Programs software library.

HIGHLIGHT

Enroll in the Online Bartender's Academy

People Connection is always serving up good cheer, ◯], and fun! Here's another chance to join in!

Enroll in the AppleLink Online Bartender's Academy and learn how you can serve refreshments with finesse to your People Connection pals! Learn the "tricks of the trade" of People Connection bartending, and you could become a Certified Online Mixologist.

Become a Certified Online Mixologist

To enroll in the Academy, attend the Bartender's Forum on Thursday, December 8, at 10 p.m., in Center Stage. Don't miss the first lesson: bartender's lingo. Learn how to chat in bar lingo, and find out how to serve a drink "on the rocks," and with a "@ (twist of lime)." Your instructor is the world's greatest bartender — Lavona, of Lavona's Pub.

Check the Online Bartender's Academy area in People Connection for bartending hints and tips, and for a Dictionary of the proper symbols and shorthand to use at online cocktail parties.

Create a special bartending screen name, and attend the Bartender's Academy classes at 11 p.m. every Thursday evening in the BAR STOOL room in People Connection. The topics range from setting up a bar to being a gracious online host. During each class period, a lucky student will win a free hour on AppleLink for being the first to answer a bartender trivia question!

Show Off Your Skills on Graduation Day

To graduate from the Academy, you must pass the BAR EXAM — a test of your knowledge of bar lingo, shorthands and drink mixing skills — on Thursday, December 29, in People Connection.

If you pass, you will receive a certificate that will proclaim you a Certified Online Mixologist. Honor students who make the Dean's List will win great prizes, including "The Mr. Boston Micros Bartender's Guide" software package by Control Division Associates, and AppleLink Edition t-shirts.

The Online Bartender's Academy premieres on December 8 in General Services' People Connection. Registration is free, and the fun is guaranteed!

Social Life
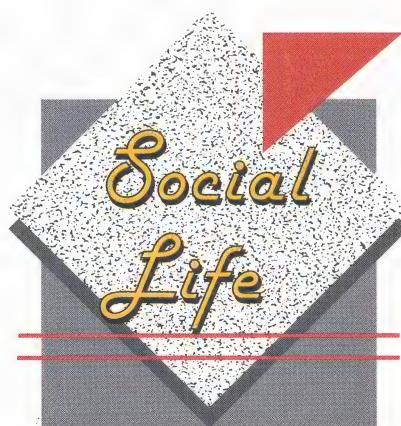
Apple Computer Clubs Help Students Make a Difference

"**A**pple Computer Clubs encourage students to reach out to the community and make a difference," says Laura Reynolds, Education Program Manager, User Group Connection.

Join us, 9 p.m., Thursday, December 22, in the Apple Auditorium, when Reynolds and several group advisors discuss "Apple Computer Clubs: Making a Difference."

Apple Computer Clubs is a division of Apple that brings computing technology to young people. There are more than 6,500 Apple Computer Clubs on the roster, located in schools, public libraries, and even Boy and Girl Scout Troops.

Students not only learn how to use Apple computers, but also how to put computers to work for the community.

"In one community," Reynolds says, "students developed a database of housing opportunities, and one of homeless people. By matching the two, they were able to begin a campaign to open that housing to the homeless."

In another project, students developed a model of the Chesapeake Bay and plotted the ecological effects to the Assateague Island of proposed dredging in the bay. Students mounted a letter-writing campaign that spurred the Governor of Maryland, William Donald Schaefer, to sign into law two pieces of legislation protecting the island and the bay.

"Several groups of students developed 'Just Say No To Drugs' campaigns by designing riddle books and posters for younger children and students in other schools," Reynolds says. "They also did a similar campaign against smoking."

The projects were entered in Apple Computer Club's National Merit Competition in the late summer of 1988, with Apple providing a trip to Washington D.C. for the final judging. Students, advisors or clubs were awarded Macintosh and Apple II computers for outstanding projects.

AppleLink members will be seeing more of the Apple Computers Clubs in the upcoming year: one of the department's top three priorities in 1989 is to develop a presence on AppleLink-Personal Edition.

Join Reynolds and the group advisors in the Apple Auditorium, 9 p.m., Thursday, December 22 for a look at this unique program.

COMMUNITY SERVICE

Dear Editor:

I was very pleased and felt a sense a pride when Apple released the new IIc Plus. I don't know why Apple owners feel such an intense identification with Apple Computer, but we do. Am I glad that Apple Computer released a new II product? You betcha! Am I satisfied? Heck NO!

It seems no matter what Apple does, the users, including me, always clamor for more. What do I want now? A new IIGS Plus with a faster microprocessor so I can keep up with that new IIc Plus.

I also think Apple should package a modem with EVERY computer they sell. The buyer shouldn't have a choice. The modem should be included in the base price and packaged with the system. And while you're at it, how about throwing in AppleLink—Personal Edition software and a manual with every new purchase. Every buyer of an Apple would have immediate and timely help on using that new computer. Heck, in today's world, selling a computer without a modem is like selling a computer without a disk drive. All computers need modems.

Daniel Haynes
(screen name:
AFA DannyH)
Canton, MI

Dear Editor:

Here is a Paean to AppleLink:

AppleLink is the Lobby and making friends. And having Guide CAC and Guide HC there to tell you what is going on tonight, giving directions on how to get to the different forums and going-ons, and offering advice on miscellaneous problems.

AppleLink is LaPub with Lavona and her Pubtenders, playing trivia games, the hot tub, (and depending on the weather, the cool pool) and lively (and sometimes uninhibited) conversation.

AppleLink is the Wheel Watcher's Show, Academic Bowl, and Trivia — where you can win free hours, software or other prizes.

AppleLink is the Cooking Club with EBWATERS; the Genealogy Club with MID; and the Astronomy Club with Stu G.

AppleLink is the Appleworks Forum conference with AFL Oli and the Beagle Bros chat with Mark dj for those of us with questions on how to solve that word processing, spreadsheet, database, macro or printer problem.

AppleLink is education, music, graphics and telecommunications conferences. And the online encyclopedia.

LETTERS
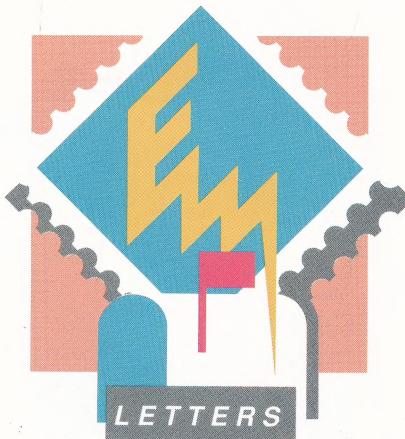
AppleLink is downloading files and programs to be used later.

AppleLink is many other things to other people. These are just some of my favorite activities.

But most of all, AppleLink is friends — friends to chat with, exchange ideas or to get help with a problem; and friendly — you are hardly aware that you are actually using telecommunications. It's as though you are THERE.

I'm hooked on AppleLink.

Pam Michaelson
(screen name: PamM1)
Marblehead, MA

Coming Next Month...

**Discuss the Future of Computing with
Apple Forum Leaders**

**Explore the New Enterprise with Sheri
Berger of Apple**